

PUGET SOUND REGIONAL COUNCIL PRIORITY PROJECT LIST

NARRATIVE PROJECT INFORMATION - October 2011

Due to Peter Heffernan (peter.heffernan@kingcounty.gov) no later than close of business Wednesday October 12.

Project Sponsor: *King County*

Project Name: *Preston Fall City Road ITS*

Project Location: *Preston Fall City Road between I-90 and SR 202*

What type of project is it: Support Centers ____ Corridors Serving Centers **X**

Plan Consistency:

- Transportation 2040 project number: _____
- Is the project consistent with the Transportation 2040: Yes____ No ____

Project Description - No more than two full page - (see evaluation criteria for information to include):

- Briefly describe the project
This project will include both hazard detection and weather monitoring technologies in order to monitor changing conditions along this rural corridor. The ITS components would include Road Weather Information System (RWIS), slide detection, cameras, vehicle detection, flood detection, dynamic message sign, and ice detection on bridges. The benefits will be in the ability to monitor the pavement conditions, slides and flooding and communicate this data to the traveling public to make route choices and warn of hazardous pavement conditions. This information will be transmitted to Roads Maintenance and to the public via the internet and DMS along the route.

Total cost is estimated at \$740,000

- What is the intended outcome & benefit

This project will mitigate congestion and improve safety through real-time monitoring, provide traveler information, and increase the speed and effectiveness of incident detection and response. The project also will improve vehicle safety by providing in-route information regarding pavement conditions

and congestion awareness. The RWIS will improve King County Maintenance efficiencies by alerting maintenance of inclement weather in real time.

Project Status & Timeline

Where is the project at in development? The County has not started design

What is the timeline for this project from start to completion?

The project can be designed and implemented in 17 months.

Pre-Design: January 1, 2017– March 31, 2017

Design: 6 months: April 1, 2017 – September 30, 2017

Construction procurement: October 1, 2017- December 31, 2017

Construction: January 1, 2018– May 31, 2018

Additional Comments